



NATIONAL
AGRICULTURAL
STATISTICS
SERVICE

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KENTUCKY WEEKLY CROP & WEATHER REPORT



In Cooperation with:
Univ. of Ky - Agr'l Weather Center
U.S. Dept. of Commerce - NOAA
Kentucky Department of Agriculture
Cooperative Extension Service

Released weekly April - November

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AGRICULTURAL NEWS: Temperatures averaged 66 degrees across the State, which was 6 degrees above normal and 10 degrees warmer than last week. Precipitation for the week totaled 0.76 inches Statewide, which was 0.23 inches below normal. For a second week, most of the precipitation in the State was received over central Kentucky. **Topsoil moisture** was rated as 9 percent short, 78 percent adequate, and 13 percent surplus. **Subsoil moisture** was rated 1 percent very short, 12 percent short, 77 percent adequate, and 10 percent surplus. There were 4.3 days suitable for fieldwork. The main farming activities for the week were replanting corn, cutting damaged wheat for hay, and disking and fertilizing fields.

TOBACCO: Forty-three percent of the tobacco seedlings are less than 2 inches tall, 42 percent are 2 to 4 inches tall, and 15 percent are over 4 inches. Two percent of the burley tobacco has been set compared with 1 percent for last year and the five-year average.

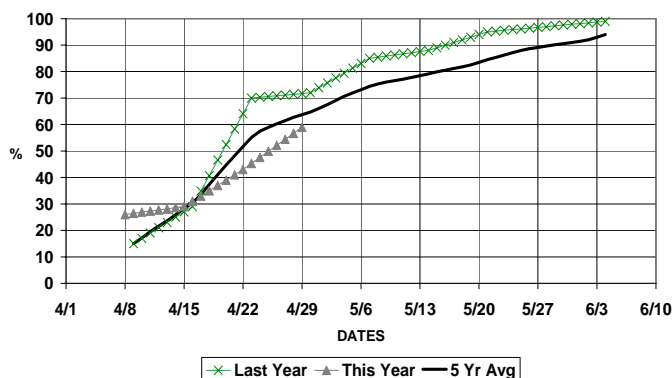
ROW CROPS: Corn planting remains behind last year and the five year average. As of Sunday, April 29, 59 percent of the corn was planted compared to 72 percent for last year and 64 percent for the five

year average. Twenty-one percent of the crop had emerged, well behind last year's 43 percent and the five-year average of 37 percent. The condition of the corn crop was rated 1 percent very poor, 9 percent poor, 37 percent fair, 46 percent good, and 7 percent excellent. Farmers continue to slowly plant soybeans, with 2 percent planted as of Sunday compared to 6 percent last year and 4 percent for the five-year average. Producers indicate that nitrogen fertilizer supplies in their area are 98 percent of need.

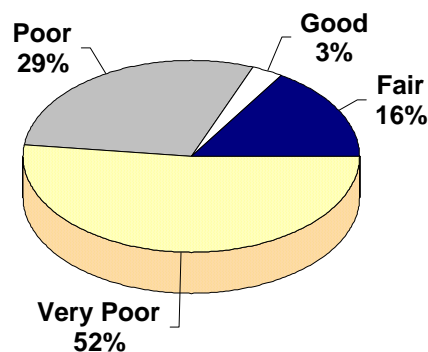
SMALL GRAINS: Eighteen percent of the winter wheat crop had headed, well behind last year's 55 percent and the five-year average of 29 percent. The crop is still in very poor condition with eighty-one percent rated poor or very poor. Many farmers are cutting the wheat for hay or burning down the damaged wheat and plan to replant with early season soybeans.

OTHER CROPS AND PASTURE: Hay crops were rated 9 percent very poor, 30 percent poor, 38 percent fair, 20 percent good, and 3 percent excellent. Pasture condition was rated 4 percent very poor, 15 percent poor, 40 percent fair, 37 percent good, and 4 percent excellent.

CORN PLANTING PROGRESS



WHEAT CONDITION
(April 29)



KENTUCKY CROP PROGRESS

WEEK ENDING APRIL 29, 2007

Crop Stage	This Week	Previous Year	5-Yr. Avg.	Previous Week	
				KY	U.S.
Percentage					
Corn					
Planted	59	72	64	43	11
Emerged	21	43	37	12	3
Wheat Headed	18	55	29	10	16
Soybeans Planted	2	6	4	1	NA
Burley Tobacco Set	2	1	1	NA	NA
Dark Tobacco Set	0	0	0	NA	NA

(NA)Data Not Available.

SOIL MOISTURE

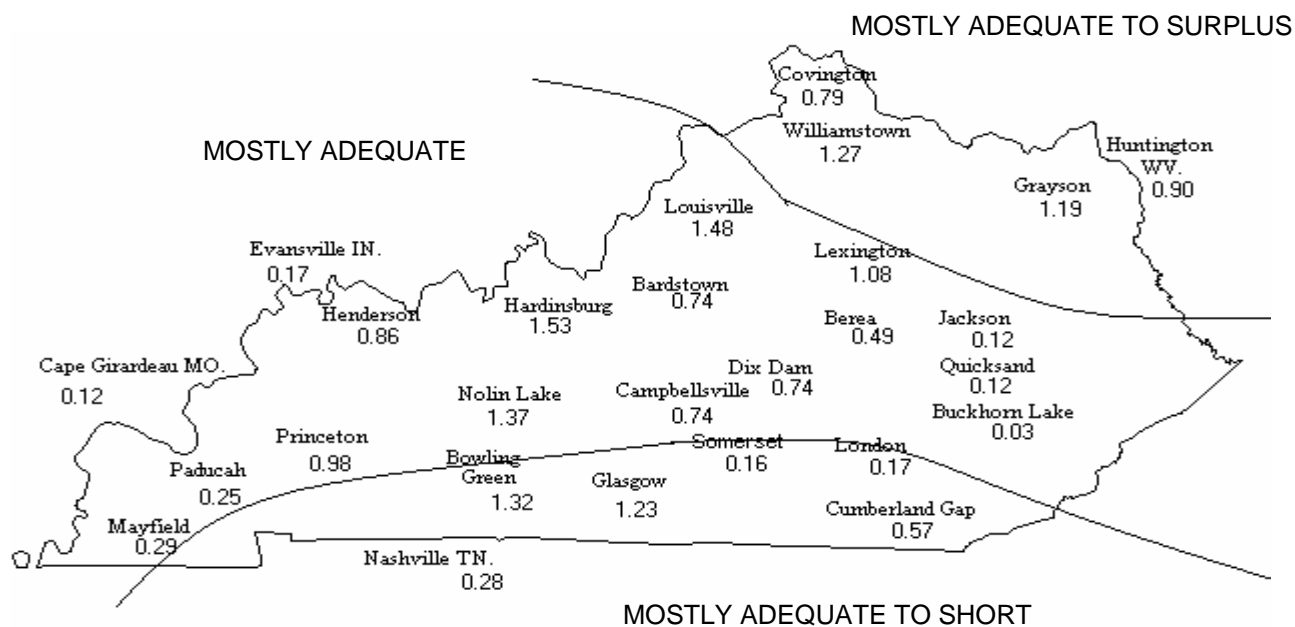
WEEK ENDING APRIL 29, 2007

	This Week	Previous Week
Percentage		
TOPSOIL		
Very Short	0	1
Short	9	6
Adequate	78	76
Surplus	13	17
SUBSOIL		
Very Short	1	0
Short	12	11
Adequate	77	75
Surplus	10	14

KENTUCKY CROP CONDITIONS (Percent)

WEEK ENDING APRIL 29, 2007						WEEK ENDING APRIL 22, 2007				
CROP	VERY POOR	POOR	FAIR	GOOD	EXCEL- LENT	VERY POOR	POOR	FAIR	GOOD	EXCEL- LENT
Corn Emerged	1	9	37	46	7	20	19	43	18	0
Wheat	52	29	16	3	0	55	25	16	4	0
Pasture	4	15	40	37	4	5	16	39	34	6
Hay Crops	9	30	38	20	3	-	-	-	-	-

PRECIPITATION MAP AND TOPSOIL MOISTURE DELINEATION WEEK ENDING APRIL 29, 2007



KENTUCKY WEATHER SUMMARY, APRIL 23 – 29, 2007:

Above Normal Temperatures and Below Normal Rainfall:

The first half of the workweek was mild with scattered showers and thunderstorms due to a very slow moving low pressure system and a stalled front meandering over the Ohio Valley. Rainfall was limited for much of the state except central and Bluegrass sections where near and slightly above normal rainfall occurred. On Friday, the entire system moved east of the Bluegrass state and provided a very cool day. Temperatures rebounded and dry conditions returned on the weekend with highs into the 70s.

Temperatures for the 7 day period averaged 66 degrees across the State which was 6 degrees above normal and 10 degrees warmer than the previous week. High temperatures averaged from 77 in the West to 76 in the East. Departure from normal high temperatures ranged from 2 degrees above normal in the West to 7 degrees above normal in the East. Low temperatures averaged from 57 degrees in the West to 56 degrees in the East. Departure from normal low temperature ranged from 7 degrees above normal in the West to 8 degrees above normal in the East. Extreme high temperatures were in the low to mid 80s and extreme lows were in the upper 40s.

Precipitation (liq. equ.) for the period totaled 0.76 inches statewide which was 0.23 inches below normal. Precipitation totals by climate division, West 0.45 inches, Central 1.28 inches, Bluegrass 0.89 inches and East 0.40 inches, which was -0.63, +0.27, -0.05 and -0.52 inches respectively from normal. By station, precipitation totals ranged from a low of 0.03 inches at Buckhorn Lake to a high of 1.53 inches at Hardinsburg.

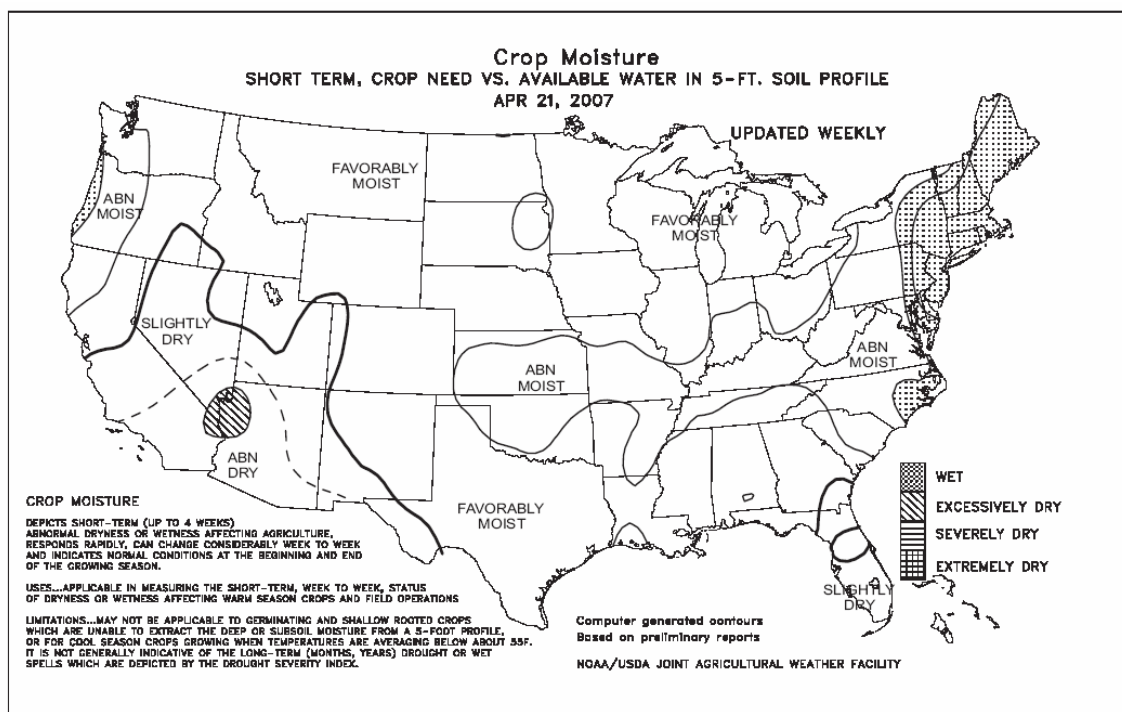
Tom Priddy

KENTUCKY TEMPERATURES AND RAINFALL

FOR WEEK ENDING SUNDAY, APRIL 29, 7:00 P.M.

Weather Station	Rainfall			Deviation From		Air Temperature				Growing Degree Days		
	Last Week	Since April 1	Last Four Wks	Norm Since Apr. 1	Norm Last 4 Wks	High	Low	Wkly. Avg.	Dev. From Norm	Last Week	Since Apr. 1	Dev. Since Apr. 1
	(Inches)					(Degrees Fahrenheit)						
Bardstown	0.74	4.00	3.68	+0.25	+0.06	81	49	66.6	+6	115	272	-18
Berea	0.49	3.36	3.20	-0.76	-0.78	84	45	66.6	+8	116	274	-16
Bowling Green	1.32	3.65	3.51	-0.53	-0.52	82	49	67.7	+7	123	287	-3
Bristol	0.29	2.64	2.49	-0.55	-0.59	83	42	63.1	+4	98	249	-12
Buckhorn Lake	0.03	3.12	3.08	-0.50	-0.42	81	49	66.2	+7	112	251	-10
Cape Girardeau	0.12	2.88	2.87	-1.40	-1.26	84	48	67.4	+5	122	275	-15
Campbellsville	0.74	4.96	4.71	+0.38	+0.29	80	46	66.6	+6	116	283	-7
Covington	0.79	3.17	3.05	-0.45	-0.45	79	47	63.5	+5	94	206	-26
Cumberland Gap	0.57	4.36	4.29	+0.42	+0.48	81	49	66.2	+7	112	255	-6
Dix Dam	0.74	4.23	3.93	+0.15	-0.01	81	48	65.9	+7	112	249	-41
Evansville	0.17	3.27	2.71	-0.62	-1.04	82	48	67.5	+5	121	254	-7
Glasgow	1.23	5.21	4.93	+0.81	+0.68	83	47	67.9	+8	125	304	+72
Grayson	1.19	3.95	3.66	+0.44	+0.27	83	50	66.4	+7	112	245	+13
Hardinsburg	1.53	4.68	4.53	+0.51	+0.51	83	47	65.6	+5	109	271	-19
Henderson	0.86	5.42	4.15	+1.30	+0.17	82	49	66.6	+4	115	257	-33
Huntington	0.90	3.31	3.02	-0.17	-0.34	84	51	66.6	+8	115	252	-9
Jackson	0.12	1.76	1.62	-2.20	-2.21	84	49	67.0	+8	117	254	-7
Lexington	1.08	4.12	3.68	+0.37	+0.06	79	49	64.6	+6	101	220	-12
London	0.17	2.14	1.98	-1.65	-1.68	83	46	65.4	+6	109	252	-9
Louisville	1.48	4.60	4.47	+0.51	+0.52	82	50	66.1	+6	111	246	-15
Mayfield	0.29	3.04	2.69	-1.84	-2.02	81	49	66.2	+4	112	254	-65
Nashville	0.28	2.75	2.74	-1.47	-1.34	83	50	67.6	+7	122	305	-14
Nolin Lake	1.37	4.12	4.10	-0.26	-0.13	82	49	67.0	+7	117	287	-3
Paducah	0.25	3.60	2.89	-1.24	-1.79	84	50	67.9	+5	124	282	-8
Princeton	0.98	4.28	4.06	-0.36	-0.42	83	50	67.9	+5	123	326	+7
Quicksand	0.12	1.71	1.57	-2.25	-2.26	81	49	66.2	+7	112	250	-11
Somerset	0.16	2.91	2.74	-1.29	-1.32	82	40	65.3	+6	114	246	-44
Spindletop	0.99	3.87	3.47	+0.12	-0.15	79	51	64.6	+6	100	220	-12
Williamstown	1.27	5.89	4.65	+1.88	+0.78	79	49	64.0	+5	97	211	-21

The above information is provided by Tom Priddy, Kentucky Extension Agricultural Meteorologist, University of Kentucky Agr'l Weather Center (859)257-3000 ext 245. E-mail: priddy@uky.edu Additional Ky weather data available on Internet at: <http://www.wagwx.ca.uky.edu/>



Corn Percent Planted Week Ending April 22, 2007

State	Apr 23 2006	Prev Week	Prev Year	5-Yr Avg
CO	8	3	12	8
IL	13	0	29	37
IN	4	0	8	17
IA	8	0	23	18
KS	15	5	46	36
KY	43	29	64	52
MI	3	0	7	8
MN	0	0	10	9
MO	32	18	71	61
NE	9	1	14	11
NC	75	55	80	61
ND	0	0	2	6
OH	4	1	8	16
PA	2	1	13	8
SD	1	0	3	3
TN	71	54	76	69
TX	68	67	71	69
WI	3	0	4	3
ALL	11	4	22	22

These 18 States planted 93% of last year's corn acreage.

Winter Wheat Condition (Percent) Week Ending April 22, 2007

State	VP	P	F	G	E X
AR	22	42	22	14	0
CA	1	2	5	31	61
CO	2	3	19	47	29
ID	0	1	11	77	11
IL	8	21	39	28	4
IN	8	22	42	27	1
KS	22	19	25	24	10
MI	1	12	36	41	10
MO	27	37	30	6	0
MT	0	4	26	51	19
NE	3	11	35	41	10
NC	24	15	29	30	2
OH	5	22	36	30	7
OK	2	6	17	51	24
OR	0	0	8	82	10
SD	1	10	29	53	7
TX	2	8	27	39	24
WA	2	4	21	65	8
ALL	9	12	25	39	15
Prev Wk	6	11	28	39	16
Prev Yr.	16	18	27	33	6

This release and others can be viewed on the Internet at <http://www.nass.usda.gov/ky/> For a free E-Mail subscription of the Kentucky Weekly Crop & Weather report, on the Internet go to <http://www.nass.usda.gov/sub-form.htm> and follow the instructions.